

Persistence of Exploitation Explored, by
Miroslav Jilek, 5 pp.
SERBO-CROATIAN, np, Studentski List, Zagreb,
17 May 73, p 14.
JPRS 59326

Jun 73

N. dzynski, J., and C. Zukowski
Biological and technological characteristics of Northwest 1971
Atlantic macruridae (Biologiczna i technologiczna
charakterystyka ryb bulawikowatych z polnocno-zachodniego
Atlantyku)
Studia i Materiały Mir, Series D, (5): 45. In Polish.

Original Article Checked *M*

Tables of Contents and Introductions of 13 Monographs.
Studia i Materialy, Series A: No. 9, 1971;
No.10, 1972; Series B, No.25, 1971; No.26, No.27
1972; Series C: No. 11, 1971; No.12, 1972; no.13
No. 14, 1972; Series D, no.6, 1972; Series E,
No.21, 1972; Technology of Marine Organisms, by
Z.E. Sirorski; and Fishing Industry Economics,
by J. Wojewnik.
*NTIS-TT-73-54009

2 pages

P. Dragomir

Calculation of the Heat Exchange Near the Critical
Point of a Rotating Body Having Surfaces of Variable
Temperature.

STUDIA UNIVERSITATIS PALES-BOLYAI, SERIES MATHEMATICA-
MECHANICA FASCICULUS, Vol. 2, 1970, pp 75-82.

ACSI-K-2003

NSIC-PP-22-41150-72

ACSI-K-2003

Kelemen, F. et al

A Method for the Measurement of Diffusion in
Gels -y Means of Radioactive Isotopes.

ACAD. REP. POPULARE ROMINE, STUDII CERCETARI

FIZ., Vol.14, No.5, pp.583-8, 1963.

A.T.S RU-4708

Agency: Picatinny Arsenal
Req. 74-31 L

9243/0983
18 Oct. 1973

Title: Eliberarea apoi si a altor substante din
biostructura frunzelor de *Drum sub Actiunea*
inhibitorilor Metabolici

Author: E. Macovechi si V. Frunzeti

Source: Stud. Cercet. Biochim. V. 12, pp. 19-26.
(1969)

Language: Romanian.

Instructions: Type single space, paste-up, camera ready
copy.

Agency: Picatinny Arsenal

Req. 74-31 j

9243/0982

18 Oct. 1973

Title: Eliberarea partiala a apei biostructurale in
prezenta inhibitorilor metabolici.

Author: Eugen Macovachi.

Source: Stud. Cercet. Biochim. V. 12. pp. 105-114
(1969).

Language: Romanian

Instructions: Type single space, paste-up, camera ready
copy.

Picatinny Arsenal

Req. 74-37 d

9243/1074

14 Nov. 1973

Title: Eliberarea Treptata a Apoi Si A Altor
Componente Din Materia....de Sodiu.

Author: Elefterescu, Viorica.

Source: Study. Cercet. Biochim. Vol. 13,
pp. 261-264 (1970).

Language: Romanian

Instructions: Type Single space, paste-up, camera
ready copy.

Agency: Picatinny Arsenal

Req. 74-31 1

9243/0984

18 Oct. 1973

Title: Ioni de potasiu, calciu si sodiu in sucurile
frunzelor stimulate electric.

Author: Irina Coraciu.

Source: Stud. Cercet. Biochim. V. 14, pp. 17-22
(1971)

Language: Romanian.

Instructions: Type single space, paste-on, camera ready
copy.

Agency: Fieatimay Arsenal
Ref. 74-79 c

9243/1995
15 May 1974

Title: Eliberarea Sincidelor din Biostructura
Plantelor de Orz sub Influanta Azidei de Sodiu.

Author: Irian Corneliu

Source: Stud. Cercet. Biocchim. Vol. 16, pp. 125-9
(1973).

Language: Romanian

Instructions: Type single space, paste-up, camera
ready copy.

Damian, E.

*Chemical nature of Epiphyseal Antisexual substances in
the urine.*

STUDII SI CERCETARI DE ENDOCRINOLOGIE, Vol 22, No 5,
1971, pp 343-350

NTC 73-14091-06P

DAMIAN, E.
//STUDII SI CERCETARI DE ENDOCRINOLOGIE//
--/--/1973, V0024, N0001,
Antigonadotropic action of pineal extracts.
pp 31-38, NTC 74-10252-06P@@

Hydrazine Fuel Cells. By Marinescu, M.
STUDII SI CERCETARI DE ENERGETICA SI ELECTRO-
TECHNICA, Vol. 6, 1970, pp. 937-951.
FSTC-HT-23-1100-72

Grosu, D.

*Comparative study of the electrical oscillations
in positive and negative column in a D. C. glow dis-
charge* 18 pp

STUDII SI CERCETARI DE FIZICA, vol. 22, 1970, pp. 409-
420

AIR7FTD-EC-23-1340-74

Grosu, D.

Influence of electric and luminous phenomena of the
anodic region on the electric oscillations in a

D. C. glow discharge 59 pp

STUDII SI CERCATARI DE FIZICA, vol. 22, no. 6, 1970,
pp. 623-649

AIR/FTD-HC-23-1339-74

THERMOELECTRIC REFRIGERATION

NICULESCU, D

LANGUAGE-RO COUNTRY-RO

STUDII SI CERCEETARI DE FIZICA, 73, VOL 25, NU
8, 969-990 174040174

FSIC-HT-23-0947-74

On the Flow of a Viscous Fluid Past a Body. By
Marcov, N.
STUDII SI CERCET. MAT., Vol. 23, No. 1, pp. 95-
100, 1971, Romania. 788
FSTC-HT-23-793-72

MIHATOIU, I.
//STUDII SI CERCETARI DE MECANICA AGRICOLA//
--/--/1970,V0004,N0001
Contributions to the Study of Soil Pressure and
Tractive Power Components of the Crawler Tractor
pp 23-33, *NTIS-TT-74-55083e@

CAPROIU, ST.
//STUDII SI CERCETARI DE MECANICA AGRICOLA//
--/--/1970,V0004,N0004,
Theoretical Considerations Concerning the Operating
by Vibrations of the Cultivators Working Members
pp. 315-323, *NTIS-TT-74-5508100

TOMA, D.

//STUDII SI CERETARI DE MECANICA AGRICOLA//

--/--/1971,V0005,N0002

Soil Preparation with Tooth Harrows, the Teeth
Being Disposed on Oscillating Bars

pp 101-112, *NTIS-TT-74-55078@@

ZAMFIR, GH.
//STUDII SI CERCETARI DE MECANICA AGRICOLA//
--/--/1971,V0005,N0003
Increasing of Wear Resistance of the Knoves of
Bulldozers and Leveler Blades
pp 257-264, *NTIS-TT-74-55082@@

REQ TR CHECK

28-01-74

TG29

THE SUPERSONIC WIND TUNNEL WITH FOUR
COMPRESSORS OF THE INSTITUTE OF APPLIED
MECHANICS OF THE RUMANIAN ACADEMY OF SCIENCES
MARINESCU, AL
RU: STUDII SI CERCETARI DE MECANICA
APLICATA, VOL. 17, NO. 6, 1964, ~~1-24~~
1435-1661

In Process as
FTD-HC-1622-74

MARINESCU, AL.

//STUDII SI CERCETARI DE MECANICA APLICATA//

--/--/1964,V0017,N0006,

The supersonic wind tunnel with four compressors of the
Romanian academy institute for applied mechanics
description, experimental research, 29 pp.

pp 1635-1661, AIR, FTD-HC-23-1622-74,

COPYRIGHT INFORMATION. LIMITED TO U.S. GOV'T AGENCIES
ONLY. OTHER REQUEST MUST BE REFERRED TO FTD.00

LIBRESCU, L.

//STUDII SI CERCETARI DE MECANICA APLICATA//

--/--/1972, V0031, N0002,

Supersonic flutter of plane, rectangular, anisotropic,
heterogeneous structures,

pp 235-250, NASA TT F 15, 89088

Cajal, N.

Measles Vaccine Successfully Prepared and
Administered, 11 pp.

STUDII SI CERCETARI DE VIRUSOLOGIE, Bucharest,
No 5, Sep-Oct 73, pp 349-356.
JPRS 61278

Mar 74

SCHODL, H.

//STUTTGART//

--/--/1962. V0012, N----,

The dynamic behavior of the ear in separating
the sounds spectrum into frequency groups 12 pp
pp 101-107, NASA TT F 12719##

Sodergard, Bengt

UNKNOWN

STYRELSEN FOR TEKNISKUTVECKLING, Dec. 18, 1973, pp. 44

*NASA TT F-15441

Vargas, C. F.

Oil exploration subprogram geological interpretation
of images provided by the ERTIS - a satellite

SUB PROGRAM A EXPLORACION PETROLERA, 1973, pp. 3

NASA TT F 15265

Verdugo, Arnolando Martinez

Political Leader Interviewed About Current
Party Tactics.

8 pp

SUCESOS, Mexico City, 7 July 1973, pp 4-8.

JPRS 59810

Leftist Groups Dominate Underground University,
6 pp.
SUCESOS, Mexico City, 16 Jun 73, pp 6-12.
JPRS 59481

Jul 73

Becarra, Armando Lopez

Role of States in Presidential Succession.

6 pp

SUCESOS PARA TODOS, Mexico City, 13 Jul 74, pp 20-23.

JPRS 62818

FRIDMAN. V.
//SUDDOVYYE NAVIGATSIONNYYE RADIOLOKATSIONNYYE
STANTSII KIVACH-1 I KIVACH-2//
--/--/1971, V----, n----
Kivach-1 and Kivach-2 Marine Navigation Radar
sets 150 pp
pp 3-168 pp NAV/NISC/TRAN-3583-74##

Krylova, A. N.

Aliquot determination of manganese in cadaver material.

SUDEBNO-MEDITSINSKAYA EKSPERTIZA, Vol 8, No 3, 1965,

pp 35-43

NTC 73-21760-06E

VLADIMIROV, YU. A.

//SUDEBNO-MEDITSINSIKAYA EKSPERTIZA, //

--/--/1971, V----, N0001,

Biophysical determination of time of death (some
theoretical and some experimental bases), 6 pp

pp 10-14, FSTC-HT-23-2265-72@@

Belova, A. V.

Estimation of Barbiturates in the Blood and Urine of
Living Humans

SUDEBNO-MEDITSINSKAYA EKSPERTISA, v. 14, n. 3, 1971,
pp. 29-34

NTC 73-12791-06A

NLL RTS 7496

Pechernikova, T. P.

//SUDEBNO-MEDITSINSKAYA EKSPERITIZA//

--/--/1973,V----,N0004, pp 0043-0047

Some Distinctions of Onset and Dynamics of
Paranoiac Syndromes in Psychopathies 5 pp

JPRS 63749

#

Agency: Federal Aviation Administration
R.O. Number: SAC-45162 9744/2866
Title: Forensic medical expert testimony in airplane
crashes, 6 March 75
Author: Tomilin VV and Pikovski I
Source: Sudebno-Meditsinskaya Ekspertiza Vol. 17:7-12,
Jan-Mar 1974
Language: Russian
Special Instructions: Translate into English, provide
library with a single typed copy.

YUDOVIN, B. S.

//SUDOSTROYENIYE PUBLISHING HOUSE//

--/--/1964, V----, N----

Marine combined plant with booster engines 46 p

PP 187-230 NAV/NISC/TRAN-3585-74##

RUSSIAN

*comp
19 pp**JPRS 60532*

CSO: 8144/0879

1 November 1973

On the Complex Technical-Economic Evaluation of a
Ship and Propulsion Unit With the Use of
Generalized Coefficients, by L.N. Muchnik and
V.I. Zhurilov

Leningrad, Sudostroyeniye, Sept 1965, pp 32-33

Please publish

Publish together with 8144/0878 under "Use of
Technical-Economic Methods in Ship Design".

Please provide JPRC/Ad Hoc with copy of report.

T/D: 19 Nov 1973

Dorin, V. S.

Using Economic-Mathematical Methods and Electronic
Computers in Ship Designing.

19 pp

SUDOSTROYENIYE, Leningrad, No 11, Nov 1967, pp 17-
24.

JPRS 60532

Tsygankov, P.I.

Gas Turbine Floating Power Station
"Northern Lights"

11 pp

SUDOSTROYENIYE, Vol 59, No 8, 1969, pp 3-5

FSTC-HT-23-2111-72

ACSI-K-2653

Kartyshev, A.V.

Chromium-Manganese Steel Screw Propellers.
SUDOSTROYENIYE, Leningrad, 1969, pp.7-12;
43-72 and 106-110.
NAV/NISC 3455

Structural Materials for Fabrication of Ship Reactors
and Steam Generators, by P. A. Manko, 113 pp.
SUDOSTROYENIYE, 1969, pp 31-52, 55-108, 167-179,
187-195, 208-210.
NAVY/NISC-Tr-3385

Apr 73

Preobrazhenskiy, V. et al

Power Plant of the Floating Power Station
"Northern Lights"

Sudostroyeniye, no. 12, 1970, pp 23-26.

FSTC-HT-23-1655-72

ACSI K-2221

REQ TR CHECK

17904-73

T531

INFLUENCE OF LOCAL RESISTANCES BEHIND
OPERATING TURBINE BLADES ON THEIR EFFECTIVENESS

SS
MOISEYEV; A.A.; TOPUNOV, A.M.
UR: SUDOSTROYENIYE; MAY 1971, MAY, NO. 5,
PP. 33-34

Proven in as

HT 73 - 23 - 0489

Application of the Method of Finite Elements to the
Calculation of Ship Structures, by V. A. Postnov,
12 pp.
SUDOSTROYENIYE, No 6, 1971, pp 11-15.
NAV/NISC-Tr-3420-73

April 73

SIPILIN. P. M.
//SUDOSTROYENIYE PUBLISHING HOUSE//
--/--/1972, V----, N----
Processing of Hull steel 304pp
pp not given NAV/NISC/TRAN-3564-74##

Kuchuk, A.T.

A small refrigerated shrimp trawler (Malyi krevetochnyi
morozil'nyi trawler) 1972
Sudostroenie, 62(4(413)), Apr.: 5-6. In Russian.

Transl. by YPST for NMFS, Jan. 1973, 4p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Nogid, L.M.

Analysis of the elements of fishing vessels (Analiz
elementov rybolovnykh sudov) 1972
Sudostroenie, 62(4(413), Apr.: 7-13. In Russian.

Transl. by IPST for NMFS, Feb. 1973, 13p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

SUDOSTROYENIYE, No 9, 1972.
pp 3-7, 7-10, 10-17, 26-28, 28-30, 31-33, 34-36,
43-45, 55-56, 57-61, 66-69, 70
NAVY/NISC-3397

May 73

Belkin, S.I.

Present Status and Prospects of Development of
Tuna Fishing Fleet.

SUDOSTROYENIYE, No. 10, October 1972, pp.11-13
NAV/NISC 3452

NMFS

Sudostroyeniye No 10, 1972
pp 15-17, 27-28, 29-31, 32, 40-41, 65-66, 69,
NAVY/NISC-3410

May 73

SUDOSTROYENIYE, No. 10, 1972, pp.33-36.
NISC NO. 3410 (a)

Danilov, I.V., and O.P. Pavlov
Underwater research vehicle "Gvidon" (Podvodnyi apparat
"Gvidon") 1972
Sudostroenie, 62(11(420), Nov.: 12-13. In Russian.

Transl. by Naval Intelligence Support Center, Mar. 1973,
as NISC Transl. No. 3422, pp. 7-11 in 54p. "Abstracts and
Translations from Sudostroenie (Soviet Shipbuilding), (11),
1972," 5p., processed.

Avail. on Loan - NMPS, Wash., D.C.

Original Article Checked *HA*

SUDOSTROYENIYE, No 12, 1972.
pp 10-13, 25-28, 28-30, 31-32, 32-33, 34-35, 36-42.
NAVY/NISC-3434

May 73

BELEN'KIY. L. M.
//SUDOSTROYENIY//
--/--/1973, V-----, N-----
large deformations of ship structures 77 pp
pp 68-79, 79-86, 103-115, 128-143, 171-176
NAV/NESC/TRAN 580-74##

SEDAKOV, L.P.
//SUDOSTROYENIYE//
--/--/1973,V-----,N-----,
Prospects for Marine Power-Plant Developments.
PP 24-28,NAV/NISC/TRAN-3373-73@@

SUDOSTROYENIYE, No. 1, 1973

Pp. 3-6 31-35 44-46

8-10 39-41

14-16 41-43

NISC 3448-73

SUDOSTROYENIYE, No. 2, 1973.
NAV/NISC/ONI-HI-30-39-74

Selected Articles

RUSSIAN

*Comp. Sp.*CSO: 8344/2050 W
11 April 1973 SF*18 M*

1. Detection of continuous spectrum noise sources in axial and centrifugal pumps, by Ya. A. Kim.
2. Statistical investigation of Sensitive Elements of the Kurs gyrocompasses, by A.A. Potemkin.

Leningrad, Sudostroyeniye, No. 2, Feb. 1973, pp 23-25, 40-43.

Ad Hoc
Special type B
Do not publish
Original plus one

RUSSIAN

*Comp. Ap
8 pp*CSO: 8344/2275 W
1 May 1973 SF

Investigation of Noise Insulation Properties of
ship structures, by L.Y. Kubovik, A.V. Matsevich et al.

Leningrad, Sudostroyniye, No. 3, March 1973, pp 14-15.

Special type B

Do not publish

Original translation plus one

NAV/NISC/ONI-HT-30-40-74 Pp.6-10
ITM 003

Kuz'min, Yu. L.

"LUGA-1" Automatic Cathodic Protection System
SUDOSTROYENIYE, No. 3, 1973, pp.16-18.
NAV/NISC/ONI-HT-30-40-74

Molodtsov, Yu. A.

Series Connection of Hydraulic Mechanisms.
SUDOSTROYENIYE, No. 3, 1973, pp.26-28.

NAV/NISC/ONI-HT-30-40-74

Bogomolov, V.V.

Heating of Hydraulic Clutches During Idling.
SUDOSTROYENIYE, No. 3, 1973, pp.38-40.

NAV/NISC/ONI-HT-30-40-74

Savitskiy, T.A.

Small Plate Regenerator for Marine Gas Turbine
Plants.

SUDOSTROYENIYE, No. 3, 1973, pp.40-42.

NAV/NISC/ONI-HT-30-40-74

Chernenko, G.T.

All-Union Conference on Strength Problems of
Large Ships.

SUDOSTROYENIYE, No. 3, 1973, p. 69.

NAV/NISC/ONI-HT-30-40-74

Khitrov, M.V.

All-Union Scientific and Technical Conference
on Ways of Improving Present-Day Steam Turbines
SUDOSTROYENIYE, No. 3, 1973, p.70.
NAV/NISC/ONI-HT-30-40-74=

SUDOSTROYENIYE No. 4, 1973, October.
Selected Articles

NAV/NISC ONI-HT-30-41-74

Malanchenko, L. P.

Marine Floating Crane Building Analyzed,

8 pp

SUDOSTROYENIYE, Leningrad, No 4, Apr 1973, pp 3-9

JPRS 59386

Velikosel'skiy, N. D.

New Heavy-Duty Floating Crane Described.

13 pp

SUDOSTROYENIYE, Leningrad, No 4, Apr 1973, pp 9-16.

JPRS 59386

SUDOSTROYENIYE, No. 5, 1973,
pp. 3-6; 6-11; 18-20; 21-27; 35-36; 39-42;
48-51; 57-59; 59-61; 61-62; 63-65; 81-82.
Selected Articles

*NISC/ONI-HT-30-42-74

Pegov, N. P.

12,500 Ton Repair Dock.

5 pp

SUDOSTROYENIYE, Leningrad, No 6, June 1973,

pp 3-6.

JPRS 59848

NAV/NISE/UNI-ITT-30-43-74

New Design of a Propulsion-Steering Unit.
SUDOSTROYENIYE, No.6, 1973, pp.9-11.
NAV/NISC/ONI-HT-30-43-74

Chuvikovskiy, V.S.

Analysis of Errors in Strength Calculations
of Hull Structures.

SUDOSTROYENIYE, No.6, 1973, pp.12-14.

NAV/NISC/ONI-HT-30-43-74

Ogarkov, L.F.

Trends in the Development of High-Power
Electrohydraulic Steering Machines.
SUDOSTROYENIYE, No.6, 1973, pp.15-20.
NAV/NISC/ONI-HT-30-43-74

Gurevich, Kh. A.

Investigating the Vibroacoustic Characteristics of a Single-Stage Impulse Turbine.
SUDOSTROYENIYE, No.6, 1973, pp.23-24, 25-26.
NAV/NISC/ONI-HT-30-43-74

Panov, I.S.

Sea Water Distillation.

SUDOSTROYENIYE, No.6, 1973, pp.27-28, 29-32

NAV/NISC/ONI-HT-30-43-74

SUDOSTROYENIYE, No. 7, 1973,
pp. 3-13; 14-15; 23-25; 26-29; 29-32; 32-35;
36-37 and 44-45.

WAV/ENISC/ONL-HT-30-44-74

GRIDCHIN, B.F.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
Suction dredge for scouring shoals,
p 11,NAV/NISC/ONI-HT-30-45-740

KHORDAS, G.S.

//SUDOSTROYENIYE//

--/--/1973,V----,N0008,

Economic substantiation for the selection of
the optimal variant of an inert gas systems,
pp 21-23,NAV/NISC/ONI-HT-30-45-74@

YEGOROV, N.F.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
Evaluation of the hydraulic resistance of
mufflers in the design of air conditioning
systems,
PP 24-25,NAV/NISC/ONI-HT-30-45-74@

RZHEBAYEV, E.YE.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
New electric feed pumps for auxiliary boilers,
pp 26-28,NAV/NISC/ONI-HT-30-45-74@

GARBER, YE. D.

//SUDOSTROYENIYE//

--/--/1973,V----,N0008,

Performance optimization of marine power
plants with controllable-pitch propellers for
achieving high ship steering qualities,
pp 31-35,NAV/NISC/ONI-HT-30-45-74@

IL'INSKIY, I.N.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
Instruments for detecting failures in cables,
pp 41-42,NAV/NISC/ONI-HT-30-45-74@

BIBIKOV, N.N.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
Corrosion protection of tanks on large-capacity oil tankers,
pp 44-46,NAV/NISC/ONI-HT-30-45-74@

LUTSENKO, V.T.
//SUDOSTROYENIYE//
--/--/1973,V----,N0008,
Dry-dock overhaul of moskva -- class ice-
breakers,
PP 48-50,NAV/NISC/ONI-HT-30-45-74@

SUDOSTROYENIYE No.9, 1973, Selected Trans.
#MISC

Gridchin, B. F.

New Caspian Seagoing Dredger Described.
5 pp

SUDOSTROYENIYE, Leningrad, No 10, Oct 1973,
pp 3-5.

JPRS 60823

Rodionov, N. N.

Effect of Standards to Prevent Ocean Pollution
in Supertanker Design, 8 pp.

SUDOSTROYENIYE, Leningrad, No 10, 1973,
pp 6-9.

JPRS 61405

Apr 74

GRIDCHIN. B. F.

//SUDOSTROYENIYE//

--/--/1973, V----, n0010

The first soviet seagoing suction dredge

50 left sovet'skomu azerbaydzhanu

pp 3-5 NAV/NISC/ONI/HT-30-40-75##

YUDOVIN, B. S.

//SUDOSTROYENIYE//

--/--/1973, V----. №0010.

Conditions for the use of geared turbine on
ships navigating in ice

pp 22-26 NAV/NISC/ONI/HT-30-40-75##

MAYZEL, S. S.

//SUDOSTROYENIYE//

--/--/1973, V----, N001q

Improving steam separation in ship's boiler

pp 26-28 NAV/NISC/ONI/Ht-30-40-75##

KOBZEV. V. V.
//SUDOSTROYENIYE//
--/--/1973. V----, n0010
Selecting control system equipment on the basis
of human engineering requirement
pp 29-32 NAV/NISC?ONI/HT-30-40-75##

IVANOV. L. V.
//SUDOSTROYENIYE//
--/--/1973, V----, N0010
Anti-ice protection facilities for dry docks
pp 45-48 NAV/NISC/ONI/Ht-30-40-75##